



IFWO

RAW SEQUENCE LISTING

DATE: 07/23/2004

PATENT APPLICATION: US/10/719,450

TIME: 13:21:29

Input Set : A:\24492-013.ST25.txt

Output Set: N:\CRF4\07232004\J719450.raw

3 <110> APPLICANT: Cruz, Antonio

5 <120> TITLE OF INVENTION: Gastrin Compositions and Formulations, and Methods of Use

6 Preparation

8 <130> FILE REFERENCE: 24492-013

C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/719,450

11 <141> CURRENT FILING DATE: 2003-11-21

13 <150> PRIOR APPLICATION NUMBER: USSN 60/428,100

14 <151> PRIOR FILING DATE: 2002-11-21

16 <150> PRIOR APPLICATION NUMBER: USSN 60/428,562

17 <151> PRIOR FILING DATE: 2002-11-22

19 <150> PRIOR APPLICATION NUMBER: USSN 60/430,590

20 <151> PRIOR FILING DATE: 2002-12-03

22 <150> PRIOR APPLICATION NUMBER: USSN 60/519,933

23 <151> PRIOR FILING DATE: 2003-11-14

25 <150> PRIOR APPLICATION NUMBER: USSN 60/420,187

26 <151> PRIOR FILING DATE: 2002-10-22

28 <150> PRIOR APPLICATION NUMBER: USSN 60/420,399

29 <151> PRIOR FILING DATE: 2002-10-22

31 <150> PRIOR APPLICATION NUMBER: USSN 10/691,123

32 <151> PRIOR FILING DATE: 2003-10-22

34 <160> NUMBER OF SEQ ID NOS: 8

36 <170> SOFTWARE: PatentIn version 3.2

38 <210> SEQ ID NO: 1

39 <211> LENGTH: 33

40 <212> TYPE: PRT

41 <213> ORGANISM: Homo sapiens

43 <400> SEQUENCE: 1

45 Leu Gly Pro Gln Gly Pro Pro His Leu Val Ala Asp Pro Ser Lys Lys

46 1 5 10 15

48 Gln Gly Pro Trp Leu Glu Glu Glu Glu Ala Tyr Gly Trp Met Asp

49 20 25 30

51 Phe

55 <210> SEQ ID NO: 2

56 <211> LENGTH: 33

57 <212> TYPE: PRT

58 <213> ORGANISM: artificial

60 <220> FEATURE:

61 <223> OTHER INFORMATION: variant gastrin peptide M31L as compared to SEQ ID NO:1

63 <400> SEQUENCE: 2

65 Leu Gly Pro Gln Gly Pro Pro His Leu Val Ala Asp Pro Ser Lys Lys

66 1 5 10 15

68 Gln Gly Pro Trp Leu Glu Glu Glu Glu Ala Tyr Gly Trp Leu Asp

69 20 25 30



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71 Phe
75 <210> SEQ ID NO: 3
76 <211> LENGTH: 16
77 <212> TYPE: PRT
78 <213> ORGANISM: Homo sapiens
80 <400> SEQUENCE: 3
82 Gly Pro Trp Leu Glu Glu Glu Glu Glu Ala Tyr Gly Trp Met Asp Phe
83 1          5          10          15
86 <210> SEQ ID NO: 4
87 <211> LENGTH: 16
88 <212> TYPE: PRT
89 <213> ORGANISM: artificial
91 <220> FEATURE:
92 <223> OTHER INFORMATION: variant gastrin peptide - M14L as compared to SEQ ID NO:3
94 <400> SEQUENCE: 4
96 Gly Pro Trp Leu Glu Glu Glu Glu Ala Tyr Gly Trp Leu Asp Phe
97 1          5          10          15
100 <210> SEQ ID NO: 5
101 <211> LENGTH: 6
102 <212> TYPE: PRT
103 <213> ORGANISM: artificial
105 <220> FEATURE:
106 <223> OTHER INFORMATION: variant gastrin peptide - generic peptide
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110 <221> NAME/KEY: MISC_FEATURE
111 <222> LOCATION: (1)..()
112 <223> OTHER INFORMATION: wherein X is Y or F
114 <220> FEATURE:
115 <221> NAME/KEY: misc_feature
116 <222> LOCATION: (1)..(6)
117 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
119 <220> FEATURE:
120 <221> NAME/KEY: MISC_FEATURE
121 <222> LOCATION: (2)..()
122 <223> OTHER INFORMATION: wherein X is G or A or S
124 <220> FEATURE:
125 <221> NAME/KEY: MISC_FEATURE
126 <222> LOCATION: (3)..()
127 <223> OTHER INFORMATION: wherein X is W or V or I
129 <220> FEATURE:
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131 <222> LOCATION: (4)..()
132 <223> OTHER INFORMATION: wherein X is M or L
134 <220> FEATURE:
135 <221> NAME/KEY: MISC_FEATURE
136 <222> LOCATION: (5)..()
137 <223> OTHER INFORMATION: wherein X is D or E
139 <220> FEATURE:
140 <221> NAME/KEY: MISC_FEATURE

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141 <222> LOCATION: (6)..()
 142 <223> OTHER INFORMATION: wherein X is F or Y
 144 <400> SEQUENCE: 5
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 147 1 5
 150 <210> SEQ ID NO: 6
 151 <211> LENGTH: 6
 152 <212> TYPE: PRT
 153 <213> ORGANISM: artificial
 155 <220> FEATURE:
 156 <223> OTHER INFORMATION: variant gastrin peptide
 158 <400> SEQUENCE: 6
 160 Tyr Gly Trp Met Asp Phe
 161 1 5
 164 <210> SEQ ID NO: 7
 165 <211> LENGTH: 6
 166 <212> TYPE: PRT
 167 <213> ORGANISM: artificial
 169 <220> FEATURE:
 170 <223> OTHER INFORMATION: variant gastrin peptide
 172 <400> SEQUENCE: 7
 174 Tyr Gly Trp Leu Asp Phe
 175 1 5
 178 <210> SEQ ID NO: 8
 179 <211> LENGTH: 10
 180 <212> TYPE: PRT
 181 <213> ORGANISM: artificial
 183 <220> FEATURE:
 184 <223> OTHER INFORMATION: variant gastrin peptide
 186 <400> SEQUENCE: 8
 188 Gly Ala Gly Ala Gly Ala Gly Ala
 189 1 5 10

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/719,450

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:5; Xaa Pos. 1, 2, 3, 4, 5, 6

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:2,4,5,6,7,8

VERIFICATION SUMMARY

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L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:146 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0.